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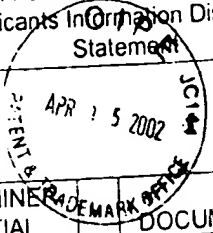
SERIAL NO.
09/976,961

List of Patents and Publications for
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Statement

APPLICANT: Black et al.

FILING DATE:
October 12, 2001

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1616



U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE
BF	5,124,146	06/23/92	Neuwelt			
	5,112,596	05/12/92	Malfroy-Camine			
	5,215,985	06/01/93	Murphy et al.			
	5,256,688	10/26/93	Grover et al.			
	5,262,419	11/16/93	Aberg et al.			
	5,314,887	05/24/94	Aldrich et al.			
	5,399,587	03/21/95	Garcia et al.			
	5,416,097	05/16/95	Erhardt et al.			
	5,527,527	06/18/96	Friden			
	5,527,778	06/18/96	Black			
	5,578,599	11/26/96	Diani et al.			
	5,604,198	02/18/97	Poduslo et al.			
	5,670,477	09/23/97	Poduslo et al.			
	5,677,344	10/14/97	Greenfield et al.			
	5,679,706	10/21/97	D'Alonzo et al.			
	5,686,416	11/11/97	Kozarich et al.			
	5,693,627	12/02/97	Schieven			
	5,695,751	12/09/97	Friedman et al.			
	5,760,230	06/02/98	Schohe-Loop et al.			
	5,869,509	02/09/99	Romine et al.			
	5,877,210	03/02/99	Schieven			
BF	5,922,735	07/13/99	Sit et al.			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATI ON YES	TRANSLATI ON NO
BF	W0 97/18332 A1	22.05.97	PCT				

OTHER ART (Including Author, title, Date, Pertinent Pages, Etc.)

BF	1.	Adeagbo, A. S., 1-Ethyl-2-benzimidazolinone stimulates endothelial K(Ca) channels and nitric oxide formation in rat mesenteric vessels, <i>Eur J. Pharmacol</i> , 379(2-3):151-9 (August 27, 1999). ABSTRACT ONLY
BF	2.	Akar, F. et al, Protective effect of cromakalim and diazoxide, and proulcerogenic effect of glibenclamide on indomethacin-induced gastric injury, <i>Eur J. Pharmacol</i> , 374(3):461-70 (June 25, 1999). ABSTRACT ONLY

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1	4.	✓	Morrade, S.P. et al., Pharmacological reactivity of neoplastic and non-neoplastic associated neovasculation to vasoconstrictors, <u>Int J Exp Pathol</u> , 79(6):425-32 (December 1998). ABSTRACT ONLY
2	5.	✓	Armstead, W.M., Contribution of Kca channel activation to hypoxic cerebrovasodilation does not involve NO, <u>Brain Res</u> , 799(1):44-8 (July 13, 1998). ABSTRACT ONLY
3	6.	✓	Bang, L. et al., Nitroglycerin-mediated vasorelaxation is modulated by endothelial calcium-activated potassium channels, <u>Cardiovasc Res</u> , 43(3):772-8 (August 15, 1999). ABSTRACT ONLY
4	7.	✓	Becker, E.M. et al., The vasodilator-stimulated phosphoprotein (VASP): target of YC-1 and nitric oxide effects in human and rat platelets, <u>J. Cardiovasc Pharmacol</u> , 35(3):390-7 (March 2000). ABSTRACT ONLY
5	8.	✓	Black, K.L. et al., Selective opening of the blood-tumor barrier by intracarotid infusion of leukotriene C ₄ , <u>J. Neurosurg</u> , 72:912-916 (June 1990)
6	9.	✓	Bowman, T. et al., STATs in oncogenesis, <u>Oncogene</u> , 19(21):2474-88 (May 15, 2000). ABSTRACT ONLY
7	10.	✓	Brian, J.E., Jr. et al., Recent insights into the regulation of cerebral circulation, <u>Clin Exp Pharmacol Physiol</u> , 23(6-7):449-57 (June-July 1996). ABSTRACT ONLY
8	11.	✓	Brismar, T. et al., Mechanism of high K ⁺ and Tl ⁺ uptake in cultured human glioma cells, <u>Cell Mol Neurobiol</u> , 15(3):351-60 (June 1995). ABSTRACT ONLY
9	12.	✓	Brismar, T. et al., Thallium-201 uptake relates to membrane potential and potassium permeability in human glioma cells, <u>Brain Res</u> , 500(1-2):30-6 (October 23, 1989). ABSTRACT ONLY
10	13.	✓	Burg, M.A. et al., NG2 proteoglycan-binding peptides target tumor neovasculation, <u>Cancer Res</u> , 59(12):2869-74 (June 15, 1999). ABSTRACT ONLY
11	14.	✓	Burrows, F.J. et al., Eradication of large solid tumors in mice with an immunotoxin directed against tumor vasculature, <u>Proc Natl Acad Sci U S A</u> , 90(19):8996-9000 (October 1, 1993). ABSTRACT ONLY
12	15.	✓	Butt, A.M., Effect of histamine and antagonists on electrical resistance across the blood-brain barrier in rat brain-surface microvessels, <u>Brain Res</u> , 569(1):100-5 (January 8, 1992). ABSTRACT ONLY
13	16.	✓	Butt, A.M., Effect of inflammatory agents on electrical resistance across the blood-brain barrier in pial microvessels of anaesthetized rats, <u>Brain Res</u> , 696(1-2):145-50 (October 23, 1995). ABSTRACT ONLY
14	17.	✓	Butt, E. et al., Inhibition of cyclic GMP-dependent protein kinase-mediated effects by (Rp)-8-bromo-PET-cyclic GMPS, <u>Br J. Pharmacol</u> , 116(8):3110-6 (December 1995). ABSTRACT ONLY
15	18.	✓	Bychkov, R. et al., Calcium-activated potassium channels and nitrate-induced vasodilation in human coronary arteries, <u>J. Pharmacol Exp Ther</u> , 285(1):293-8 (April 1998). ABSTRACT ONLY
16	19.	✓	Cai, S. et al., Single-channel characterization of the pharmacological properties of the K(Ca ²⁺) channel of intermediate conductance in bovine aortic endothelial cells, <u>J Membr Biol</u> , 163(2):147-58 (May 15, 1998). ABSTRACT ONLY
17	20.	✓	Chang, S.S. et al., Five different anti-prostate-specific membrane antigen (PSMA) antibodies confirm PSMA expression in tumor-associated neovasculation, <u>Cancer Res</u> , 59(13):3192-8 (July 1, 1999). ABSTRACT ONLY
18	21.	✓	Chaplin, D.J. et al., Anti-vascular approaches to solid tumour therapy: evaluation of combretastatin A4 phosphate, <u>Anticancer Res</u> , 19(1A):189-95 (January-February 1999). ABSTRACT ONLY
19	22.	✓	Chassande, O. et al., The Na ⁺ /K ⁺ /Cl ⁻ cotransport in C6 glioma cells. Properties and role in volume regulation, <u>Eur J. Biochem</u> , 171(3):425-33 (February 1, 1988). ABSTRACT ONLY

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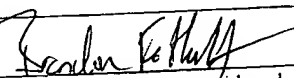
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23.	Chen, C.H. et al., <i>Nitric oxide activates Ca²⁺-activated K⁺ channels in cultured bovine adrenal chromaffin cells</i> , <u>Neurosci Lett</u> , 248(2):127-9 (May 29, 1998). ABSTRACT ONLY
24.	Dark, G.G. et al., <i>Combretastatin A-4, an agent that displays potent and selective toxicity toward tumor vasculature</i> , <u>Cancer Res</u> , 57(10):1829-34 (May 15, 1997). ABSTRACT ONLY
25.	Denekamp, J. et al., <i>Vasculature and microenvironmental gradients: the missing links in novel approaches to cancer therapy?</i> <u>Adv Enzyme Regul</u> , 38:281-99 (1998). ABSTRACT ONLY
26.	Desai, S.B. et al., <i>Tumor angiogenesis and endothelial cell modulatory factors</i> , <u>J. Immunother</u> , 22(3):186-211 (May 1999). ABSTRACT ONLY
27.	D'hahan, N. et al., <i>A transmembrane domain of the sulfonylurea receptor mediates activation of ATP-sensitive K(+) channels by K(+) channel openers</i> , <u>Mol Pharmacol</u> , 56(2):308-15 (August 1999). ABSTRACT ONLY
28.	Duda, T. et al., <i>Mutations in the Rod Outer Segment Membrane Guanylate Cyclase in a Cone-Rod Dystrophy Cause Defects in Calcium Signaling</i> , <u>Biochemistry</u> , 38(42):132912-13919 (October 19, 1999). ABSTRACT ONLY
29.	Faraci, F.M. et al., <i>Responses of cerebral arterioles to N-methyl-D-aspartate and activation of ATP-sensitive potassium channels in old rats</i> , <u>Brain Res</u> , 654(2):349-51 (August 22, 1994). ABSTRACT ONLY
30.	Faraci, F.M. et al., <i>Potassium channels and the cerebral circulation</i> , <u>Clin Exp Pharmacol Physiol</u> , 23(12):1091-5 (December 1996). ABSTRACT ONLY
31.	Feelisch, Martin, <i>The use of nitric oxide donors in pharmacological studies</i> , <u>Naunyn-Schmiedeberg's Arch Pharmacol</u> , 358:113-122 (Springer-Verlag 1998)
32.	Ferrero, R. et al., <i>Comparative effects of several nitric oxide donors on intracellular cyclic GMP levels in bovine chromaffin cells: correlation with nitric oxide production</i> , <u>Br J. Pharmacol</u> , 127(3):779-87 (June 1999). ABSTRACT ONLY
33.	Friebe, A. et al., <i>Mechanism of YC-1-induced activation of soluble guanylyl cyclase</i> , <u>Mol Pharmacol</u> , 53(1):123-7 (January 1998). ABSTRACT ONLY
34.	Fukao, M. et al., <i>Cyclic GMP-dependent protein kinase activates cloned BKCa channels expressed in mammalian cells by direct phosphorylation at serine 1072</i> , <u>J Biol Chem</u> , 274(16):10927-35 (April 16, 1999). ABSTRACT ONLY
35.	Fukamura, D. et al., <i>Role of nitric oxide in angiogenesis and microcirculation in tumors</i> , <u>Cancer and Metastasis Reviews</u> , 17:77-89 (1998)
36.	Fullerton, D.A. et al., <i>Effective control of pulmonary vascular resistance with inhaled nitric oxide after cardiac operation</i> , <u>J. Thorac Cardiovasc Surg</u> , 111(4):753-62; discussion 762-3 (April 1996). ABSTRACT ONLY
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38.	Goldstein, G.W. et al., <i>In vitro studies of the blood-brain barrier using isolated brain capillaries and cultured endothelial cells</i> , <u>Ann N Y Acad Sci</u> , 481:202-13 (1986). ABSTRACT ONLY
39.	Goto, K. et al., <i>Sympathetic control of arterial membrane potential by ATP-sensitive K(+)-channels</i> , <u>Hypertension</u> , 35 (1 Pt 2):379-84 (January 2000) ABSTRACT ONLY
40.	Gulbins, E. et al., <i>Ceramide-induced inhibition of T lymphocyte voltage-gated potassium channel is mediated by tyrosine kinases</i> , <u>Proc Natl Acad Sci M S A</u> , 94(14):7661-6 (July 8, 1997). ABSTRACT ONLY

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1616

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41.	Hardy, P. et al., A major role for prostacyclin in nitric oxide-induced ocular vasorelaxation in the piglet, <i>Circ Res</i> , 83(7):721-9 (October 5, 1998). ABSTRACT ONLY
42.	Harland, S.P. et al., Expression of endothelin(A) receptors in human gliomas and meningiomas, with high affinity for the selective antagonist PD156707, <i>Neurosurgery</i> , 43(4):890-8; discussion 898-9, (October 1998) ABSTRACT ONLY
43.	He, P. et al., cGMP modulates basal and activated microvessel permeability independently of $[Ca^{2+}]_i$, <i>Am J Physiol</i> , 274(6 Pt 2):H1865-74 (June 1998). ABSTRACT ONLY
44.	Herrera, G.M. et al., Maintained vasodilatory response to cromakalim after inhibition of nitric oxide synthesis, <i>J Cardiovasc Pharmacol</i> , 31(6):921-9 (June 1998). ABSTRACT ONLY
45.	Holland, M. et al., Effects of the BKCa channel activator, NS1619, on rat cerebral artery smooth muscle, <i>Br J Pharmacol</i> , 117(1):119-29 (January 1996). ABSTRACT ONLY
46.	Holscherhmann, H. et al., Dual Role of cGMP in modulation of macromolecule permeability of aortic endothelial cells, <i>Am J Physiol</i> , 272(1 Pt 2):H91-8 (January 1997). ABSTRACT ONLY
47.	Islam, T.C. et al., BTK mediated apoptosis, a possible mechanism for failure to generate high titer retroviral producer clones, <i>J Gene Med</i> , 2(3):204-9 (May-June 2000). ABSTRACT ONLY
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49.	Jain, R.K., Vascular and interstitial barriers to delivery of therapeutic agents in tumors, <i>Cancer Metastasis Rev</i> , 9(3):253-66 (November 1990). ABSTRACT ONLY
50.	Keep, R.F. et al., Potassium transport at the blood-brain and blood-CSF barriers, <i>Adv Exp Med Biol</i> , 331:43-54 (1993). ABSTRACT ONLY
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52.	Kim, J. A. et al., Ca^{2+} influx mediates apoptosis induced by 4-aminopyridine, a K^+ channel blocker, in HepG2 human hepatoblastoma cells, <i>Pharmacology</i> , 60(2):74-81 (February 2000). ABSTRACT ONLY
53.	Kimura, M. et al., Responses of human basilar and other isolated arteries to novel nitric oxide donors, <i>J Cardiovasc Pharmacol</i> , 32(5):695-701 (November 1998). ABSTRACT ONLY
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55.	Kitazono, T. et al., Role of potassium channels in cerebral blood vessels, <i>Stroke</i> , 26(9):1713-23 (September 1995). ABSTRACT ONLY
56.	Koesling, D., Modulators of soluble guanylyl cyclase, <i>Naunyn-Schmiedeberg's Arch Pharmacol</i> , 358:123-126 (Springer-Verlag 1998).
57.	Kurtz, A. et al., Mode of nitric oxide action on the renal vasculature, <i>Acta Physiol Scand</i> , 168(1):41-45 (January 2000). ABSTRACT ONLY
58.	Lauritzen, I. et al., The potassium channel opener (-)-cromakalim prevents glutamate-induced cell death in hippocampal neurons, <i>J Neurochem</i> , 69(4):1570-9 (October 1997). ABSTRACT ONLY
59.	Lee, Y.S. et al., In vitro antitumor activity of cromakalim in human brain tumor cells, <i>Pharmacology</i> , 49(2):69-74 (August 1994). ABSTRACT ONLY
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61. S.M. et al., Nitric acid and cGMP regulate endothelial permeability and F-actin distribution in hydrogen peroxide-treated endothelial cells. Exp Cell Res, 235(1):238-44 (August 25, 1997). ABSTRACT ONLY
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71. Nietsch, Hubert H. et al., Activation of Potassium and Chloride Channels by Tumor Necrosis Factor α , Journal of Biological Chemistry, 275(27):20556-20561 (July 7, 2000)
72. Ningaraj, N. S. et al., Nitric Oxide Donors Increase Blood Brain Tumor Barrier Permeability Via K_{Ca} Channels, Blood Brain Barrier: Models and Mechanisms, Sunday PM, #126.8, Society for Neuroscience, 30th Annual Meeting, New Orleans, LA, 26 Part 1 (November 4-9, 2000). ABSTRACT ONLY
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74. Ningaraj, Nagendra S. et al., Tumor, Ca²⁺-dependent K⁺ Channels Are a Key Regulator of Blood-Brain Tumor Barrier Permeability, Congress of Neurological Surgeons Annual Meeting, 50th Anniversary Celebration, Poster Program Book, Abstract # 438, (September 23-28, 2000)
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80.	Patel, A.I. et al., Activation of guanosine 3',5'-cyclic monophosphate (cGMP)-dependent protein kinase in rabbit aorta by nitroglycerin and sodium nitroprusside, <u>J Pharmacol Exp Ther</u> , 283(2):885-93 (November 1997).
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82.	Patel, H.J. et al., Inhibition of cholinergic neurotransmission in guinea pig trachea by NS1619, a putative activator of large-conductance, calcium-activated potassium channels, <u>J Pharmacol Exp Ther</u> , 286(2):952-8 (August 1998). ABSTRACT ONLY
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85.	Reddy, E.P. et al., IL-3 signaling and the role of Src kinases, JAKs and STATs: a covert liaison unveiled, <u>Oncogene</u> , 19(21):2532-47 (May 15, 2000). ABSTRACT ONLY
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88.	Revest, P.A. et al., The transendothelial DC potential of rat blood-brain barrier vessels in situ, <u>Adv Exp Med Biol</u> , 331:71-4 (1993). ABSTRACT ONLY
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Banda M. H.

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FORM PTO-1449 (Modified)

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18810-80367

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List of Patents and Publications for
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Statement

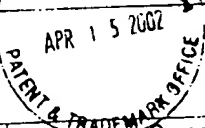
APPLICANT: Black et al.

FILING DATE:

October 12, 2001

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82	99.	Smoak, I.W., <i>Cromakalim: embryonic effects and reduction of tolbutamide-induced dysmorphogenesis in vitro</i> , <i>Teratology</i> , 60(5):260-264 (November 1999). ABSTRACT ONLY
✓	100.	Smolenski, A. et al., <i>Functional analysis of cGMP-dependent protein kinases I and II as mediators of NO/cGMP effects</i> , <i>Naunyn-Schmiedenberg's Arch Pharmacol</i> , 358:134-138 (Springer-Verlag 1988)
✓	101.	Solina, A. et al., <i>A comparison of inhaled nitric oxide and milrinone for the treatment of pulmonary hypertension in adult cardiac surgery patients</i> , <i>J Cardiothorac Vasc Anesth</i> 14(1):12-7 (February 2000). ABSTRACT ONLY
✓	102.	Sugai, K. et al., <i>Levcromakalim decreases cytoplasmic Ca²⁺ and vascular tone in basilar artery of SAH model dogs</i> , <i>J Cardiovasc Pharmacol</i> , 33(6):868-75 (June 1999). ABSTRACT ONLY
✓	103.	Teramoto, N. et al., <i>Comparative studies on the relaxing action of several adenosine 5'-triphosphate-sensitive K⁺ channel openers in pig urethra</i> , <i>J Smooth Muscle Res</i> , 35(1):11-22 (February 1999). ABSTRACT ONLY
✓	104.	Thorpe, P.E. et al., <i>Antibody-directed targeting of the vasculature of solid tumors</i> , <i>Breast Cancer Res Treat</i> , 36(2):237-51 (1995). ABSTRACT ONLY
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✓	106.	Uchida, Mikito et al., <i>Cyclic GMP-dependent Blood-Brain Tumor Barrier Permeability is Not Mediated by Cyclic GMP-Dependent Protein Kinase</i> , Congress of Neurological Surgeons Annual Meeting, 50 th Anniversary Celebration, Poster Program Book, #440 (September 23-28, 2000)
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✓	108.	van Hinsbergh, V. W. et al., <i>Angiogenesis and anti-angiogenesis: perspectives for the treatment of solid tumors</i> , <i>Ann Oncol</i> , 10 Suppl 4:60-3 (1999) ABSTRACT ONLY
✓	109.	Vodovotz, Y et al., <i>Regulation of transforming growth factor beta1 by nitric oxide</i> , <i>Cancer Res</i> , 59(9):2142-9 (May 1, 1999) ABSTRACT ONLY
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✓	111.	Wickenden, A. D. et al., <i>Comparison of the effects of the K(+)-channel openers cromakalim and minoxidil sulphate on vascular smooth muscle</i> , <i>Br J Pharmacol</i> , 103(1):1148-52 (May 1991). ABSTRACT ONLY
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✓	113.	Yakubu, M. A. et al., <i>Hematoma-induced enhanced cerebral vasoconstrictions to leukotriene C4 and endothelin-1 in piglets: role of prostanoids</i> , <i>Pediatr Res</i> , 38(1):119-23 (Jul 1995). ABSTRACT ONLY
✓	114.	Web site: Sigma-Aldrich, Search Results, p. 1; http://vsearch.sial.com/search97cgi/s97_cgi , downloaded 5/31/00.
82	115.	Web site: NO Donors/Precursors, TOCRIS, pp. 1-2; http://www.tocris.com/cat/nodonorstxt.html , downloaded 5/31/00.

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List of Patents and Publications for Applicants Supplemental Information Disclosure Statement	APPLICANT: Black et al.	
	FILING DATE: October 12, 2001	GROUP ART UNIT

U.S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES	TRANSLATION No
BE ✓	WO 91/16355	31.10.91	PCT				
✓	WO 97/31654	04.09.97	PCT				
✓	WO 00/23102	27.04.00	PCT				
✓	0 351 767 A2	24.01.90 Bul. 90/04	EP				
✓	0 555 681 A1	18.08.93 Bul. 93/33	EP				
BE ✓	0 575 749 A2	29.12.93 Bul. 93/52	EP				

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116.	XP-002195899 - Oak. Z. et al.. <i>Effects of Cyclic GMP on Microvascular Permeability of the Cerebral Cortex</i> , <u>Microvascular Research</u> . Vol. 58. pp. 35-40 (1999).
117.	XP-002195900 - <i>Role of nitric oxide in histamine-induced increases in permeability of the blood-brain barrier</i> , Mayhan. William G.. <u>Brain Research</u> . Vol. 743. pp. 70-76 (1996).
118.	XP-002195901 - Bartus. R. T. et al.. <i>Controlled Modulation of BBB Permeability Using the Bradykinin Agonist, RMP-07</i> , <u>Experimental Neurology</u> . Vol. 142. pp. 14-28 (1996).

EXAMINER <i>Brenda Miller</i>	DATE CONSIDERED: <i>1/05/05</i>
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